theta0 = np.array((1e-3,10,1,10,10)) #w0,v0, l0,sigmaf,sigman

thetaL =np.array((1e-5,1e-2,1e-2,1e-2,1e-2))

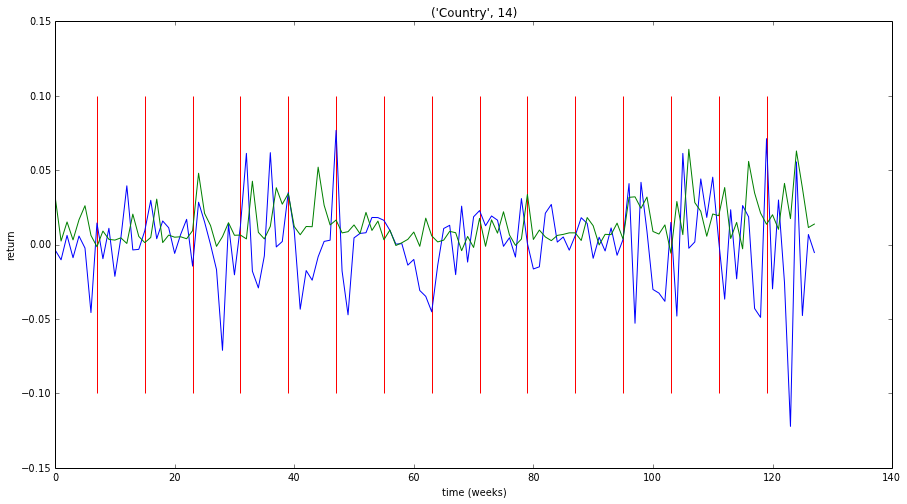
thetaU =np.array((1e1,1e4,1e4,1e3,1e3))

# determinanten: 15 yalsdet

de red lik waarde, -14.4138296131

geoptimaliseerde parameters theta zijn [ 1.28733040e-04 3.28253688e+01 2.90834032e+00 3.36928782e+02
2.38697303e+02 1.91788693e+01 6.83406490e+01 2.23110839e+02
2.28794695e+02 3.38392990e+00 1.90193090e+01 7.80600062e+01
1.11086921e+00 1.18220167e+01 5.24841615e+00 1.91741359e+01
3.14491711e+01 4.74635050e+00 4.42498904e+01 3.03646985e+01
3.07616640e+00 2.89321578e+01 4.89000964e+01 2.11940335e+00
2.25589966e+00 5.15332804e+01 7.44750776e+00 2.95511609e+00
2.70639798e+01 3.29146428e+00 2.00214348e+01 1.74514361e+01
9.06371656e+00]

UK plot:



Country 0 NMSE : 2.01324415683
Country 0 hitrate : 0.5546875

Country 1 NMSE : 1.74150303225
Country 1 hitrate : 0.5703125

Country 2 NMSE : 1.19437678229
Country 2 hitrate : 0.59375

Country 3 NMSE : 1.56778369927
Country 3 hitrate : 0.5078125

Country 4 NMSE : 1.49410894496
Country 4 hitrate : 0.5625

Country 5 NMSE : 1.12167024528
Country 5 hitrate : 0.5625

Country 6 NMSE : 1.18635433688
Country 6 hitrate : 0.5

Country 7 NMSE : 1.00356612684
Country 7 hitrate : 0.6171875

Country 8 NMSE : 1.27715926571
Country 8 hitrate : 0.4765625

Country 9 NMSE : 1.88981255688
Country 9 hitrate : 0.6015625

Country 10 NMSE : 1.81972750781
Country 10 hitrate : 0.5

Country 11 NMSE : 1.53490613114
Country 11 hitrate : 0.5234375

Country 12 NMSE : 1.51478395513
Country 12 hitrate : 0.546875

Country 13 NMSE : 1.30568074517
Country 13 hitrate : 0.5078125

Country 14 NMSE : 1.4718608738
Country 14 hitrate : 0.53125

total NMSE : 22.1365383602
total hitrate : 0.54375

# determinanten = eerste 99 (15 yalsdet + 2\*42 DSdet)